

Title (en)  
SYSTEMS AND METHODS OF MANUFACTURING CONTAINERS FROM POLYMERIC MATERIALS WITH UNWARPED INTERNAL PARTITION

Title (de)  
SYSTEME UND VERFAHREN ZUR HERSTELLUNG VON BEHÄLTERN AUS POLYMERMATERIALIEN MIT VERZUGSFREIER INTERNER PARTITION

Title (fr)  
SYSTÈMES ET PROCÉDÉS DE FABRICATION DE RÉCIPIENTS À PARTIR DE MATÉRIAUX POLYMÈRES AVEC UNE SÉPARATION INTERNE NON GRAVÉE

Publication  
**EP 4302971 A1 20240110 (EN)**

Application  
**EP 23183418 A 20230704**

Priority  
IL 29456922 A 20220706

Abstract (en)  
A process of manufacturing containers from polymeric materials with unwarping internal partition is described; a container with unwarping internal partition, manufactured from polymeric materials and a system for manufacturing containers with unwarping internal partition from polymeric materials, are further described; the process comprises: premanufacturing a bottom part of a container, premanufacturing a top part of the container, applying a preheating treatment, appending the top part of the container, welding, cooling down the welded complex of the container; the container comprises: a bottom part, a top part comprising a bottom plate, surrounding sidewalls and at least one interior partition; the system comprises: at least one first premanufacturing subsystem, at least one second premanufacturing subsystem, at least one preheater, an appending mechanism, a welding machine and a cooler.

IPC 8 full level  
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Citation (applicant)  
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